

MATERIAL SAFETY DATA SHEET

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Scotts® Turf Builder® With Halts® Crabgrass Preventer 30-3-4

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Scotts® Turf Builder® With Halts® Crabgrass Preventer 30-3-4
PRODUCT DESCRIPTION: Lawn Fertilizer with Crabgrass Preventer

MANUFACTURER

The Scotts Company
Earthgro-Hyponex-Miracle Gro
Scotts-Scotts Lawn Service-Scotts Sierra-
Swiss Farms
14111 Scottslawn Road
Marysville, OH 43041

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
International: 1-703-527-3887
Emergency Phone: 1-937-644-0011

EPA REG. NO.: 538-190C PN: S10179

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
N-(1-Ethylpropyl)-3,4-dimethyl-2, 6-dinitrobenzenamine (Pendimethalin)	40487-42-1	None	None
Urea	57-13-6	None	None
Ammonium Sulfate	7783-20-2	None	None
Ammonium Phosphate	7722-76-1	None	None
Potassium Sulfate	7778-80-5	None	None
Nuisance Dust		15 mg/m3	3 mg/m3

COMMENTS: The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m3 inhalable particulates and 3 mg/m3 respirable particulate. The OSHA TLV is 15 mg/m3 total dust, 5 mg/m3 respirable fraction.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: - CAUTION

- Avoid contact with eyes, skin or clothing.
- Causes eye irritation.
- May be harmful if swallowed.
- KEEP OUT OF REACH OF CHILDREN AND PETS.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: Repeated skin contact may dry skin resulting in skin irritation in sensitive individuals.

INGESTION: Possible nausea, vomiting, diarrhea. May irritate eyes, nose, throat, and skin.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

MEDICAL CONDITIONS AGGRAVATED: Inhalation of dust may aggravate asthma.

ROUTES OF ENTRY: Ingestion, skin, inhalation, and/or eyes.

4. FIRST AID MEASURES

EYES: If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

SKIN: Wash thoroughly with plenty of soap and water. If irritation persists, get medical attention.

INGESTION: If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

COMMENTS: See product label for specific First Aid Measures. The above measures are the most conservative - Pesticide Registration (PR) Notice 2001-1, January 2, 2001, and apply in the event a product label is not immediately available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical or select appropriate method of extinguishing surrounding fire. Contain any run-off as ingredients may be toxic to aquatic organisms.

FIRE FIGHTING PROCEDURES: Use self-contained air supply.

HAZARDOUS DECOMPOSITION PRODUCTS: In a fire, ammonia and oxides of nitrogen, carbon, potassium, phosphorus, and sulfur may be generated.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove to approved landfill.

7. HANDLING AND STORAGE

HANDLING: See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water sources when disposing of equipment wash waters. Keep out of lakes, streams, or ponds. **KEEP OUT OF REACH OF CHILDREN.**

STORAGE: See label. **KEEP OUT OF REACH OF CHILDREN.** Avoid container breakage. Store in cool, dry area in closed container or package. Keep away from feed or foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: See label. Protective eye wear is normally not required but is suggested so contact can be avoided.

SKIN: See label. Avoid contact with skin and clothing. Skin contact may be minimized by wearing protective clothing. Wash thoroughly with soap and water after handling.

RESPIRATORY: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Granular
COLOR: Multi-colored.
DENSITY: 47 lbs/cu.ft.

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Extreme heat, protect from moisture.

INCOMPATIBLE MATERIALS: Contamination with oxidizing agents or strong alkali.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Pendimethalin, the active ingredient, is considered to be a mild eye irritant in rabbits.

DERMAL LD₅₀: Pendimethalin is slightly to practically nontoxic by skin exposure, with reported dermal LD₅₀ values of >2000 mg/kg. It is not a skin irritant.

ORAL LD₅₀: Pendimethalin is slightly to practically nontoxic by ingestion, with reported oral LD₅₀ values of 1050 mg/kg to >5000 mg/kg in rats.

INHALATION LC₅₀: The inhalation 4-hour LC₅₀ for technical pendimethalin in rats is 320 mg/L air, indicating practically no toxicity via the inhalation route of exposure. Inhalation of dusts or fumes may be mildly to moderately irritating to the linings of the mouth, nose, throat, and lungs.

SENSITIZATION: Pendimethalin is not reported to be skin sensitizer in rabbits or guinea pigs.

CARCINOGENICITY:

CARCINOGENICITY COMMENTS: IARC: No; NTP: No; OSHA: No

GENERAL COMMENTS: Inhalation of dust may irritate nose, throat, and lungs. Eye contact with product may produce eye irritation, tearing, and blinking as a foreign body in the eye. Prolonged or repeated skin contact with product may cause mild irritation in susceptible individuals. All materials in this product are considered to have low toxicity by the expected routes of exposure.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Keep out of lakes, streams, or ponds. Do not graze treated areas. Do not feed clippings to livestock.

GENERAL COMMENTS: This pesticide is toxic to fish. Do not apply directly to water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. In case of spills, either collect for use or dispose of properly.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Read and follow label disposal instructions. If empty, do not reuse container. Place in trash or offer for recycling if available. If partially filled, call local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any drain.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not DOT regulated.

OTHER SHIPPING INFORMATION: The transportation information shown may not apply to all shipping situations. Consult 49 CFR, or appropriate Dangerous Goods Regulations for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping regulations.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: The RQ for pendimethalin is 100 lbs.

GENERAL COMMENTS: Contact local authorities for proper disposal of large quantities of unused product.

16. OTHER INFORMATION

REVISION SUMMARY New MSDS

NFPA CODES

HEALTH: 2 FIRE: 0 REACTIVITY: 1

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's (see Section 1) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

ADDITIONAL MSDS INFORMATION: NFPA Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe.

GENERAL STATEMENTS: This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

COMMENTS: Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.